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**From:** Sincock, Jennifer [Sincock.Jennifer@epa.gov]  
**Sent:** 4/15/2019 6:04:31 PM  
**To:** Neil, Mindy S [Mindy.S.Neil@wv.gov]  
**CC:** Shandruk, Irene [Shandruk.Irene@epa.gov]  
**Subject:** RE: Draft PWS for ionic toxicity TMDL support to WVDEP  
**Attachments:** Draft PWS\_R3 WV Ionic Toxicity\_041219.docx

Hi Mindy,

Please see the attached with possible clarifications for two in-person meetings for each of the following Tasks: Task 2.2 Facilitation Support for the Ionic Toxicity TAX; Task 2.2 Technical Support for Endpoint Development; and Task 2.5 Ionic Toxicity TMDL Model Development in Pilot Watershed. I also added an in-person training. This would be seven meetings over the course of the contract. Please let me know what you think about the frequency and Task allotment for the travel. We're trying to make sure we have enough travel built into the contract. We will also have plenty of opportunities for teleconferences/webinars. Thanks, Jen

Jennifer Sincock, TMDL Coordinator  
Standards & TMDLs Section  
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**From:** Neil, Mindy S <Mindy.S.Neil@wv.gov>  
**Sent:** Monday, April 15, 2019 10:13 AM  
**To:** Neil, Mindy S <Mindy.S.Neil@wv.gov>; Sincock, Jennifer <Sincock.Jennifer@epa.gov>  
**Subject:** Re: Draft PWS for ionic toxicity TMDL support to WVDEP

What were you thinking?? Would 6 be better since this is going to span a year?

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**From:** Neil, Mindy S  
**Sent:** Monday, April 15, 2019 9:56:16 AM  
**To:** Sincock, Jennifer  
**Cc:** Shandruk, Irene  
**Subject:** Re: Draft PWS for ionic toxicity TMDL support to WVDEP

Maybe 4? I am sure everyone will benefit from being in the room with the contractor to build trust and be able to ask questions directly. Even so, we have grown accustomed to getting information via webinar.

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**From:** Sincock, Jennifer <Sincock.Jennifer@epa.gov>  
**Sent:** Monday, April 15, 2019 9:31:55 AM  
**To:** Neil, Mindy S  
**Cc:** Shandruk, Irene  
**Subject:** RE: Draft PWS for ionic toxicity TMDL support to WVDEP

Hi Mindy,

This sounds good. Quick question for you: how many in person meetings should we have for the endpoint dev and or modeling tasks? Thanks, Jen

Jennifer Sincock, TMDL Coordinator

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**From:** Neil, Mindy S <[Mindy.S.Neil@wv.gov](mailto:Mindy.S.Neil@wv.gov)>  
**Sent:** Friday, April 12, 2019 4:21 PM  
**To:** Sincock, Jennifer <[Sincock.Jennifer@epa.gov](mailto:Sincock.Jennifer@epa.gov)>  
**Subject:** RE: Draft PWS for ionic toxicity TMDL support to WVDEP

Hey Jennifer,

I received your message. I am going to be out on Monday, but will try to look over this on the weekend and be ready to give comments on Tuesday AM.

Have a good weekend,

Mindy S. Neil  
TMDL Program Manager

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**From:** Sincock, Jennifer <[Sincock.Jennifer@epa.gov](mailto:Sincock.Jennifer@epa.gov)>  
**Sent:** Friday, April 12, 2019 4:18 PM  
**To:** Neil, Mindy S <[Mindy.S.Neil@wv.gov](mailto:Mindy.S.Neil@wv.gov)>  
**Cc:** Shandruk, Irene <[Shandruk.Irene@epa.gov](mailto:Shandruk.Irene@epa.gov)>; Atkinson, Cheryl <[Atkinson.Cheryl@epa.gov](mailto:Atkinson.Cheryl@epa.gov)>; Peck, Michelle <[Peck.Michelle@epa.gov](mailto:Peck.Michelle@epa.gov)>  
**Subject:** RE: Draft PWS for ionic toxicity TMDL support to WVDEP

Hi Mindy,  
Thanks for talking with me yesterday afternoon. Our discussion helped clarify the tasks needed in this contract PWS. I've revised the PWS according to our conversation and also developed a schedule in the attached spreadsheet. Clean and track changes versions of the PWS are attached as FYI. Please review and let me know if there are any comments or concerns. Our HQs is asking for the paperwork to be completed by end of next week. I'm hoping we are close to finalizing but welcome any improvements.  
Thanks, Jen

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**From:** Sincock, Jennifer  
**Sent:** Tuesday, April 09, 2019 10:50 AM  
**To:** 'Neil, Mindy S' <[Mindy.S.Neil@wv.gov](mailto:Mindy.S.Neil@wv.gov)>  
**Cc:** Shandruk, Irene <[Shandruk.Irene@epa.gov](mailto:Shandruk.Irene@epa.gov)>  
**Subject:** RE: Draft PWS for ionic toxicity TMDL support to WVDEP

Hi Mindy,

Thanks for these comments. I've tried to address them in the attached in track changes. I'm also concerned about the timeline and work to be completed. It might make sense to revise the PWS to include a pilot watershed so that recent data can be incorporated. Perhaps Upper Guy would be a good candidate since it is near to completion for TMDLs other than ionic toxicity. Or we could go back to the West Fork which was completed in 2014.

Regarding your MDAS concerns, I'd like the contract to provide a product that WVDEP can use for future ionic toxicity TMDL development. Is MDAS publicly available? If so, then any of the potential contractors could use it to provide the framework needed for ionic toxicity TMDL development. We could include a request for MDAS revision/reformatting for ionic toxicity pollutants or something equivalent that would fit into WVDEP's modeling program. Let's think about it and discuss on a call. Do you have any availability this week? Today's shot but I'm relatively free Wed through Friday. Thanks, Jen

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**From:** Neil, Mindy S <[Mindy.S.Neil@wv.gov](mailto:Mindy.S.Neil@wv.gov)>  
**Sent:** Wednesday, April 03, 2019 11:34 AM  
**To:** Sincock, Jennifer <[Sincock.Jennifer@epa.gov](mailto:Sincock.Jennifer@epa.gov)>  
**Subject:** RE: Draft PWS for ionic toxicity TMDL support to WVDEP

Jennifer,

I tracked changes/comments. I am a little concerned about the timeline and unsure of completion vs. finalization periods in the timeline.

Big picture, I am not sure what we can provide everything a contractor would need to set up the model in the timelines, depending upon what streams are listed in Attachment 1. Ideally, if a model is to be calibrated – it would be in a watershed for which we have recent instream water quality data and source tracking information.

Also, I know you don't want to say MDAS has to be used, but it would be nice to have a model that can use our existing hydrology calibrations and source characterization – especially for our ongoing TMDL projects. Moving forward, if we are providing data to set up models – it would be nice if the setup/hydrology calibration matched what we normally do. If there is a better approach/science/model – it is possible that we would use that for our future TMDL work.

Mindy S. Neil  
TMDL Program Manager

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**From:** Sincock, Jennifer <[Sincock.Jennifer@epa.gov](mailto:Sincock.Jennifer@epa.gov)>  
**Sent:** Tuesday, March 26, 2019 7:55 AM  
**To:** Neil, Mindy S <[Mindy.S.Neil@wv.gov](mailto:Mindy.S.Neil@wv.gov)>  
**Subject:** RE: Draft PWS for ionic toxicity TMDL support to WVDEP

Hi Mindy,  
Any thoughts on this PWS? I think you are at the biologists meeting this week. Perhaps we can talk next week. Thanks,  
Jen

Jennifer Sincock, TMDL Coordinator  
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**From:** Sincock, Jennifer  
**Sent:** Thursday, March 21, 2019 5:10 PM  
**To:** 'Neil, Mindy S' <[Mindy.S.Neil@wv.gov](mailto:Mindy.S.Neil@wv.gov)>  
**Cc:** Peck, Michelle <[Peck.Michelle@epa.gov](mailto:Peck.Michelle@epa.gov)>; Atkinson, Cheryl <[atkinson.cheryl@epa.gov](mailto:atkinson.cheryl@epa.gov)>; Voigt, Gregory <[Voigt.Gregory@epa.gov](mailto:Voigt.Gregory@epa.gov)>  
**Subject:** Draft PWS for ionic toxicity TMDL support to WVDEP

Hi Mindy,  
Please review the attached draft performance work statement (PWS) for contractor support for WVDEP to develop ionic toxicity TMDLs. Please let me know if the tasks outlined are consistent with the support needed by WVDEP. In particular, the modeling tasks might need to be refined. Please let me know if there are any questions. Thanks, Jen

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